

#3

# MAINTENANCE SERVICE - EVERY 10,000 MILES

All 1972 & 1973 Models (With #3Z At 30,000 Mile Intervals)



service

Customer: \_\_\_\_\_

Work Order No.: \_\_\_\_\_

Address: \_\_\_\_\_

License No.: \_\_\_\_\_

City & State: \_\_\_\_\_

Mileage: \_\_\_\_\_

Zip Code or Province: \_\_\_\_\_

Time Promised: \_\_\_\_\_

## Maintenance Work to be Performed:

- ☐ MB Maintenance Service (three sections) with engine oil change and oil filter service.  
Oil: Brand-Viscosity \_\_\_\_\_

## Additional Maintenance Work to be Performed Every 30,000 Miles:

- ☐ Radiator Coolant: \_\_\_\_\_ °F  
FILL/DRAIN/CHECK. Add rust inhibitor.
- ☐ Drain and renew brake fluid, (once a year, preferably in Spring). Use only specified brake fluid.

## M-B Individual Maintenance Jobs Performed as Needed:

- ☐ Section I: Lubrication Service  
Engine oil change with oil filter service.  
Oil: Brand-Viscosity \_\_\_\_\_
- ☐ Section II: Electronic Engine Testing;  
Engine maintenance.
- ☐ Section III: Safety Inspection.

## Special Maintenance Work Performed at Extra Cost:

- ☐ Sliding Roof: Clean guide channels and lubricate lightly.
- ☐ Lighting System: Check headlights and aim.
- ☐ Battery: Clean housing and terminals; grease terminals lightly.
- ☐ Car wash.
- ☐ Wax and Polish.
- ☐ Clean Engine and Engine Compartment; lubricate all control linkages.

## Special Instructions from Customer:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Visual Inspection: Check For Leakage and General Condition.

- |                                       |  |   |   |
|---------------------------------------|--|---|---|
| <input type="checkbox"/> Engine       | <input type="checkbox"/> Rear Axle       | <input type="checkbox"/> Front Axle     | <input type="checkbox"/> Undercarriage  |
| <input type="checkbox"/> Steering     | <input type="checkbox"/> Brakes          | <input type="checkbox"/> Tires          | <input type="checkbox"/> Body Condition |
| <input type="checkbox"/> Transmission | <input type="checkbox"/> Shock Absorbers | <input type="checkbox"/> Exhaust System |   |

Result: \_\_\_\_\_

\_\_\_\_\_

## Part I: Service Maintenance with Oil Filter Change

### Oil Change

\_\_\_\_\_ 151 Engine oil with filter change.

### Filter Service

\_\_\_\_\_ 156 Supplementary oil filter  
for hydraulic fan: clean  
filter element.

### Inspection for Leaks and Condition

\_\_\_\_\_ 023 Comfort hydraulic system (600).  
\_\_\_\_\_ 038 Heating & cooling system.

\_\_\_\_\_ 041 Fuel hoses and pipes.

\_\_\_\_\_ 045 Clutch operating mechanism  
(manual transmission only).

\_\_\_\_\_ 085 Hydraulic leveling system  
(114-115 types).

\_\_\_\_\_ 087 Air suspension system (300  
SEL-600).

(continued)

**Check Fluid Level and Replenish**

(Check for leakage).

- \_\_\_\_\_ 120 Automatic transmission.
- \_\_\_\_\_ 121 Manual transmission (220-220D).
- \_\_\_\_\_ 130 Rear axle.
- \_\_\_\_\_ 134 Power steering.
- \_\_\_\_\_ 135 Steering (220-220D).
- \_\_\_\_\_ 138 Hydraulic leveling system (114-115).
- \_\_\_\_\_ 465 Windshield washer system.
- \_\_\_\_\_ 484 Air conditioning.
- \_\_\_\_\_ 510 Clutch operating mechanism (manual transmission only).
- \_\_\_\_\_ 494 Comfort hydraulic system (600).
- \_\_\_\_\_ 463 Air suspension system (300SEL-600).
- \_\_\_\_\_ 700 Brake system.
- \_\_\_\_\_ 788 Stromberg carburetor (220 only).
- \_\_\_\_\_ 800 Fuel injection pump (220D-600).
- \_\_\_\_\_ 821 Battery.
- \_\_\_\_\_ 990 Radiator.

**Body and Chassis Lubrication**

- \_\_\_\_\_ 250 Lubrication fittings, front and rear axle (108-109 only).
- \_\_\_\_\_ 350 Door hinges
- \_\_\_\_\_ 393 Door locks.
- \_\_\_\_\_ 395 Hood
- \_\_\_\_\_ 398 Parking brake linkage guide (in drive shaft tunnel).
- \_\_\_\_\_ 415 Engine control linkages, control shafts and cables (not required on control shafts with plastic bearings).
- \_\_\_\_\_ 492 Clean door seal flanges. Coat door seals with OREL or similar rubber treatment.
- \_\_\_\_\_ 466 Drain condensate from air supply tank (300SEL-600).

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## Part II: Electronic Engine Test and Engine Maintenance

**Mechanical**

- \_\_\_\_\_ 753 Adjust valve clearances.
- \_\_\_\_\_ 202 Clean filter element (for high dust conditions replace every 30,000 miles).
- \_\_\_\_\_ 205 Clean oil bath air cleaner and change oil (220D)
- \_\_\_\_\_ 757 Check all drive belt tension and condition.
- \_\_\_\_\_ 785 Exhaust manifold heater flap. Check for free movement and free up as required (114-115).
- \_\_\_\_\_ 813 Engine control linkage. Check for free movement and adjust.
- \_\_\_\_\_ 806 Replace filter for injection pump additional air valve (280SE).
- \_\_\_\_\_ 770 Replace spark plugs (except 220D).
- \_\_\_\_\_ 751 Check engine cylinder compression (except 220D).
- \_\_\_\_\_ 773 Replace distributor points (except 220D).
- \_\_\_\_\_ 782 Check and adjust dwell angle, ignition timing and ignition changeover (except 220D).
- \_\_\_\_\_ 832 Analyze engine with oscilloscope (except 220D).
- \_\_\_\_\_ 797 Check and adjust engine idle speed control (diesel only).
- \_\_\_\_\_ 798 Carburetor and injection engines: check idle adjustment with C.O. tester. Check throttle lift (carburetor engines).
- \_\_\_\_\_ 895 Check alternator fastening bolt for tightness (220D).

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## Part III: Safety Check

- \_\_\_\_\_ 025 Steering system: check steering coupling for wear and clamping screws for tightness. Check for excessive wear in the system.
- \_\_\_\_\_ 983 Wheels: remove and reinstall. Check wheel disc for condition. Check inner rim for dirt accumulation.
- \_\_\_\_\_ 982 Tires: check tire tread wear and other tire damage.
- \_\_\_\_\_ 987 Correct tire air pressure.
- \_\_\_\_\_ 707 Brake pads: remove, clean, check and replace if necessary.
- \_\_\_\_\_ 703 Brake calipers: check for leakage and piston action, check condition of dust shield.
- \_\_\_\_\_ 709 Brake discs: Check for condition.
- \_\_\_\_\_ 708 Brake discs: Clean ventilating passages (except 114-115-600).
- \_\_\_\_\_ 009 Parking brake. Check brake cable action.

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- \_\_\_\_ 706 Parking brake: re-adjust.
- \_\_\_\_ 713 Air power brake: clean ventilation holes on forward side of unit (600 only).
- \_\_\_\_ 701 Bleed brake system (600 only).
- \_\_\_\_ 028 Maintenance free joints for front axle: check for sealing and condition of steering joint sealing collars. (except 108-109).
- \_\_\_\_ 029 Steering: check for sealing and condition of sealing collars and steering rods.

#### Retightening of Nuts, Bolts, and Retaining Parts

- \_\_\_\_ 922 Front axle lower "A" frame attaching screws (8) (108-109 only).
- \_\_\_\_ 924 Steering gear mounting screws (3).
- \_\_\_\_ 988 Wheel bolts.

- \_\_\_\_ 099 Check function of:
  - \_\_\_\_ Headlight, rear lights and stop light.
  - \_\_\_\_ Directional signals: Hazard warning lights.
  - \_\_\_\_ Windshield wiper, windshield washer.
  - \_\_\_\_ Heating and ventilation.
- \_\_\_\_ 098 Road test or dynamometer
  - \_\_\_\_ Foot and **emergency** brakes.
  - \_\_\_\_ Clutch.
  - \_\_\_\_ Manual transmission.
  - \_\_\_\_ Automatic transmission.
  - \_\_\_\_ Air conditioner.

Tire tread depth and brake performance

Front—Left		Front—Right	
IN.	KP	IN.	KP
Rear—Left		Rear—Right	
IN.	KP	IN.	KP

### Additional Maintenance Work to be Performed Every 30,000 Miles Maintenance Service #3Z

## Maintenance

#### Oil Change

- \_\_\_\_ 170 Automatic transmission oil change.

#### Filter Replacement or Cleaning

- \_\_\_\_ 174 Automatic transmission: replace filter element.
- \_\_\_\_ 612 Power steering: Replace filter element.
- \_\_\_\_ 851 Fuel feed pump: clean screen (carburetor engines only).
- \_\_\_\_ 840-847-849 Fuel filter: clean element or replace (except 220D).
- \_\_\_\_ 845 Fuel main filter: Clean filter element and filter housing (220D).
- \_\_\_\_ 844 Fuel pre-filter: check (220D).
- \_\_\_\_ 470 Air suspension anti-freeze container: replace air filter (300SEL-600).
- \_\_\_\_ 497 Ventilation: Replace Perlon filter in front blower (600 only).
- \_\_\_\_ 498 Heating: Replace Perlon filter in solenoid valve (600 only).
- \_\_\_\_ 670 Hydraulic leveling system: replace reservoir cover with filter (114-115 only).

#### Lubrication

- \_\_\_\_ 380-671 Hydraulic leveling or air suspension system: lubricate level control rod ball joints (114-115-300SEL-600 only).

- \_\_\_\_ 388 Front wheel grease caps: clean and refill with new grease.

#### Tightening of Nuts and Bolts

- \_\_\_\_ 871 Intake and exhaust manifold nuts and exhaust flange bolts.
- \_\_\_\_ 876 Carburetor mounting flange screws (220, 250 only)

## Checking

- \_\_\_\_ 501 Check clutch lining thickness (manual transmission only).
- \_\_\_\_ 625 Check front wheel toe-in.
- \_\_\_\_ 030 Check propeller shaft joint discs for wear or damage.

#### Air Suspension (300SEL, 600 only).

- \_\_\_\_ 676 Check air bellows for cracks (hairline cracks are not significant. However, if larger cracks are found, advise customer of need to replace the bellows).
- \_\_\_\_ 622 Check vehicle level, front wishbone position and rear axle camber. (Correct headlight adjustment, if required, at additional charge.)

Date \_\_\_\_\_

Service Manager (Signature) \_\_\_\_\_